



David Geffen
School of Medicine



Health System

Post-Doctoral Fellow / Research Scientist Positions

The Department of Radiological Sciences at the University of California Los Angeles has two immediate openings in the laboratory of Dr. Peng Hu for post-doctoral fellow and/or research project scientist positions in MRI research. The successful candidates will participate in the development and translation of novel MRI techniques for cardiovascular and cancer imaging applications, respectively. Potential cardiovascular imaging projects include: advanced myocardial tissue characterization and novel cardiovascular imaging using intravascular contrast agents. Potential cancer imaging projects will include: new diffusion imaging approaches for tumor response prediction and advanced motion compensation strategies for abdominal imaging. The projects will be funded by the National Institutes of Health and other extramural funding sources. The successful candidate is expected to discuss with his/her mentor regarding specifics of the research project. There will be considerable flexibility in the project plan and the focus will be to help the candidate achieve his/her career goals. The candidate is expected to commit at least two years for this career development opportunity and the duration can be extended if needed. There will be plenty of opportunities for the candidate to interact with collaborating research faculty, physicians and physician scientists within the Department of Radiological Sciences, as well as in other departments. The title and salary of the candidate will commensurate with experience and qualification.

Qualifications: The candidate should have an excellent background in engineering and MR physics and should be a strongly goal-oriented individual. Prior experiences in MRI pulse sequence programming and image reconstruction are desired but not required. The candidate should hold a PhD in biomedical engineering, electrical engineering, biomedical physics, or related discipline. Additional requirements include excellent written and oral communication skills, and ability to solve technical problems independently.

Facilities: Dr. Hu's laboratory has abundant access to 7 clinical research Siemens MRI systems (both 1.5T and 3T), as well as a dedicated imaging research facility for preclinical studies (including one 3T Prisma, one CT and one angio system). UCLA Medical Center is consistently ranked top 5 hospitals by the U.S. News and World Report. The University of California offers competitive compensation and benefits for research staff, details of which are in the following link: <http://ucnet.universityofcalifornia.edu/compensation-and-benefits/>

To apply, email a current CV, a brief statement of research experience and interests, and contact information for three references to:

Peng Hu, PhD., Associate Professor, penghu@mednet.ucla.edu

The University of California is an affirmative action/equal opportunity employer.